



(Dual Assembly Shown)

DBTI - 2000 Series Battery Temperature Indicator

RANGE:	35°F to 190°F (2°C to 88°C) (Specify Fahrenheit or Celsius)
CONFIGURATION:	Single or Dual Assembly (Specify)
ACCURACY:	±2°F using FoxCart's P-600-14B probes only
WARNING LIGHTS:	Per Each Monitored / Battery Amber LED Light (Labeled "Warm") trips "ON" 120°F rising and "OFF" at 118°F decreasing. External +28V sends alert to Caution Panel (Limited to 125mA). Red LED Light (Labeled "Hot") trips "ON" at 150°F rising and "OFF" at 148°F decreasing. External +26V sends alert to Caution Panel (Limited to 125mA).
INPUT:	FoxCart's P-600-14B Series Probe only: Internal in each battery sends temperature data to indicator (no shielded wire required under normal conditions).
TEST:	Panel Test Button provides self-diagnostics for both battery 1 plus battery 2 circuits. Test results are displayed for operation.
NORMAL DISPLAY:	Each Battery <ol style="list-style-type: none">1) If temperature is below 32°F, display shows "COLD".2) If probe is open or wire broken, display shows "ERR!".3) If temperature is above 195°F, display shows "HOT!".4) Warning and external alert circuits are redundant to display temperature readings; therefore, microprocessor failure will not degrade warning or caution panel lights.
POWER:	20VDC to 35VDC at 80 mA Max
DISPLAY:	4 - FIGURE 0.250 Inch LED Dot Matrix
WEIGHT:	3.25 oz
ENVIRONMENTAL:	Meets applicable spec of TSO C43b (AS8005 1/15/77) (DO-1788)
DIMMING:	Auto dimming of display lights; internal sensor measures ambient light conditions and controls display brilliance with delay to prevent sudden changes.
COMPATIBILITY:	This unit is designed to operate from the same aircraft wiring plug and sensors used in existing installations using FoxCart's BTI-600 Series temperature instruments. This allows upgrading to DBTI without aircraft wiring changes.